Amendments to the Claims

Claims 1-15. (Canceled)

16. (New) A method for producing a corrosion-resistant and oxidation-resistant coating for an area of a turbine blade of a gas turbine not exposed to flow by preparing a paste which contains, in addition to a binder, exclusively at least one metal of a platinum group as the metal, applying the paste to the blade in at least some areas and drying and heat-treating the blade coated with the paste in at least some areas, aluminizing in at least some areas the blade coated with the paste in at least some areas by using an aluminizing paste or an aluminizing powder on the area of the blade to be coated, wherein the aluminizing paste or the aluminizing powder is coated completely with a covering powder.

17. (New) The method according to Claim 16, wherein the paste is diluted to form a dilute paste before applying it.

18. (New) The method according to Claim 16, wherein the paste contains exclusively platinum and/or palladium as the metal.

19. (New) The method according to Claim 16, wherein the paste contains exclusively platinum as the metal and terpineol as the binder.

20. (New) The method according to Claim 16, wherein the paste contains exclusively platinum and palladium as the metals.

21. (New) The method according to Claim 20, wherein the paste has the following composition:

palladium in an amount of 25-35 wt%;

platinum in an amount of 25-35 wt%;

terpineol in an amount of 15-25 wt%;

resin in an amount of 10-20 wt%; and

turpentine in an amount of 1-5 wt%.

22. (New) The method according to Claim 16, wherein the paste is diluted with a turpentine oil to form a low-viscosity paste.

23. (New) The method according to Claim 16, wherein the paste is applied to the blade by spraying, painting, dipping, flooding or screen printing.

24. (New) The method according to Claim 16, wherein the blade is blasted before applying the paste.

25. (New) The method according to Claim 16, wherein the metal or each metal present in the paste diffuses into the blade during heat treatment of the blade which is coated with the paste in at least some areas.

26. (New) The method according to Claim 16, wherein the preparation of paste and application of paste are repeated until the blade has a defined platinum and/or palladium coating and then the aluminizing is performed.

27. (New) The method according to Claim 16, wherein the area not exposed to flow is a damper pocket area of the turbine blade.

28. (New) A device for producing a corrosion-resistant and oxidation-resistant coating for an area of a turbine blade of a gas turbine not exposed to flow, in particular for coating a damper pocket area of a turbine blade, with a housing for accommodating the blade coated with a paste in at least some areas, wherein the blade is positionable in the housing so that an aluminizing paste introduceable into the housing together with a covering powder acts on the area of the blade to be coated under the influence of gravitational force.

29. (New) The device according to Claim 28, wherein the housing has a through-opening in a bottom area so that a pan of the blade protrudes downward through the through-opening, and the damper pocket area of the turbine blade to be coated together with a blade foot protrudes into the housing.

30. (New) The device according to Claim 28, wherein a charging mechanism is positioned in an area of a station through which the housing together with the blade positioned in the housing is moving, wherein the charging mechanism introduces the aluminizing paste and the covering powder into the housing.

31. (New) A method for coating an area not exposed to flow of a turbine blade of a gas turbine, comprising the steps of:

preparing a paste which contains, in addition to a binder, exclusively at least one metal of a platinum group;

applying the paste only to the area;

drying and heat-treating the paste at the area;

aluminizing the area with an aluminizing paste or an aluminizing powder; and

coating the aluminizing paste or the aluminizing powder with a covering powder;

wherein the aluminizing paste or the aluminizing powder and the covering powder aluminize and coat the area, respectively, by using gravity.

32. (New) The method according to Claim 31, wherein the area is a damper pocket area of the blade, and further comprising the steps of:

placing the damper pocket area and a blade footing of the blade in a device for performing the aluminizing and coating steps; and

positioning the blade footing facing upward in the device.

33. (New) A device for producing a corrosion-resistant and oxidation-resistant coating for an area not exposed to flow of a turbine blade of a gas turbine, comprising:

a housing for receiving the area not exposed to flow of the turbine blade;

wherein an aluminizing paste or aluminizing powder and a covering powder are introduceable into the housing such that the area is aluminizable with the aluminizing paste or the aluminizing powder and coatable with the covering powder by using gravity.